

OIIPE

RAW SEQUENCE LISTING

DATE: 07/15/2001

PATENT APPLICATION: US/09/825,246A

TIME: 19:43:23

Input Set : A:\0225-0033.20-SEQLIST.txt

Output Set: N:\CRF3\07152001\I825246A.raw

ENTERED

4 <110> APPLICANT: Singh, Sharat
5 Matray, Tracy
6 Chenna, Ahmed
8 <120> TITLE OF INVENTION: Sets of Oligonucleotide-Binding e-tag
9 Probes
11 <130> FILE REFERENCE: 0225-0033.20
13 <140> CURRENT APPLICATION NUMBER: US 09/825,246A
C--> 14 <141> CURRENT FILING DATE: 2001-06-25
16 <150> PRIOR APPLICATION NUMBER: US 09/698,846
17 <151> PRIOR FILING DATE: 2000-10-27
19 <150> PRIOR APPLICATION NUMBER: US 09/684,386
20 <151> PRIOR FILING DATE: 2000-10-04
22 <150> PRIOR APPLICATION NUMBER: US 09/602,586
23 <151> PRIOR FILING DATE: 2000-06-21
25 <150> PRIOR APPLICATION NUMBER: US 09/561,579
26 <151> PRIOR FILING DATE: 2000-04-28
28 <150> PRIOR APPLICATION NUMBER: US 09/303,029
29 <151> PRIOR FILING DATE: 1999-04-30
31 <160> NUMBER OF SEQ ID NOS: 18
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37 <212> TYPE: DNA
38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: synthesized oligonucleotide
43 <400> SEQUENCE: 1
44 tcaccacatc ccagtg 16
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48 <212> TYPE: DNA
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52 <223> OTHER INFORMATION: synthesized oligonucleotide
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55 gagggaggtt tggctg 16
57 <210> SEQ ID NO: 3
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63 <223> OTHER INFORMATION: synthesized oligonucleotide
65 <221> NAME/KEY: misc_feature
66 <222> LOCATION: (22)...(22)
67 <223> OTHER INFORMATION: 3' nucleotide linked to tetramethyl rhodamine
69 <400> SEQUENCE: 3
70 ccagcaacca atgatgccg tt 22

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80 <221> NAME/KEY: misc_feature
81 <222> LOCATION: (1)...(1)
82 <223> OTHER INFORMATION: 5' nucleotide linked to fluorescein
84 <221> NAME/KEY: misc_feature
85 <222> LOCATION: (22)...(22)
86 <223> OTHER INFORMATION: 3' nucleotide linked to tetramethyl rhodamine
88 <400> SEQUENCE: 4
89 ccagcaagca ctgatgcctg tt 22
91 <210> SEQ ID NO: 5
92 <211> LENGTH: 4
93 <212> TYPE: PRT
94 <213> ORGANISM: Artificial Sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: peptide linker
99 <400> SEQUENCE: 5
100 Lys Lys Ala Ala
101 1
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 4
105 <212> TYPE: PRT
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: peptide linker
111 <400> SEQUENCE: 6
112 Lys Lys Lys Ala
113 1
115 <210> SEQ ID NO: 7
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117 <212> TYPE: PRT
118 <213> ORGANISM: Artificial Sequence
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121 <223> OTHER INFORMATION: peptide linker
123 <400> SEQUENCE: 7
124 Lys Lys Lys Lys
125 1
127 <210> SEQ ID NO: 8
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129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
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133 <223> OTHER INFORMATION: synthesized oligonucleotide
135 <400> SEQUENCE: 8
136 gaccaggaaa tagagaggaa atgta 25

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147 gaaggagaag gaagagttgg tattatc 27
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150 <211> LENGTH: 21
151 <212> TYPE: DNA
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157 <400> SEQUENCE: 10
158 ttgggctcag atctgtgata g 21
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161 <211> LENGTH: 27
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168 <400> SEQUENCE: 11
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174 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: synthesized oligonucleotide
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180 cggtatatag ttcttcctca tgctatt 27
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183 <211> LENGTH: 20
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185 <213> ORGANISM: Artificial Sequence
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188 <223> OTHER INFORMATION: synthesized oligonucleotide
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199 <223> OTHER INFORMATION: probe
201 <221> NAME/KEY: misc_feature
202 <222> LOCATION: (1)...(1)
203 <223> OTHER INFORMATION: e-tag10s modification to the 5' nucleotide

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213 <220> FEATURE:
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216 <221> NAME/KEY: misc_feature
217 <222> LOCATION: (1)...(1)
218 <223> OTHER INFORMATION: e-tag10as modification to the 5' nucleotide
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221 tctttgtata ctgctctaaa aagaaaatgg aa 32
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231 <221> NAME/KEY: misc_feature
232 <222> LOCATION: (1)...(1)
233 <223> OTHER INFORMATION: e-tag11s modification to the 5' nucleotide
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236 aaactccagc atagatgtgg atagcttg 28
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247 <222> LOCATION: (1)...(1)
248 <223> OTHER INFORMATION: e-tag11as modification to the 5' nucleotide
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261 <221> NAME/KEY: misc_feature
262 <222> LOCATION: (1)...(1)
263 <223> OTHER INFORMATION: e-tag13as modification to the 5' nucleotide
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266 aactgcttgt ggccatggct tag 23

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/825,246A

DATE: 07/15/2001

TIME: 19:43:24

Input Set : A:\0225-0033.20-SEQLIST.txt

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date